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 To: [Martin, Jobo](#); [Curry, Ron](#); [Coleman, Sam](#); [Crossland, Boonie](#); [Smith, Monica](#); [Webster, Susan](#); [Petersen, Chris](#); [Phillips, Pam](#); [Edlund, Carl](#); [Hooker, William](#); [Garcia, David](#); [Dwyer, Stacey](#); [Saunders, Jerry](#); [Gray, David](#); [Taheri, Diane](#); [Assunto, Carmen](#)  
 Cc: [Ruhl, Christopher](#); [Delgado, Eric](#); [Moore, Gary](#); [Smalley, Bryant](#); [Brescia, Nicolas](#); [Ngo, Kim](#); [Loesel, Matthew](#); [McAteer, Mike](#); [Hayes, Mark](#); [Bernier, Roberto](#); [Delgado, Paige](#); [Martin, Jobo](#); [Raxter, Madison](#); [Mason, Steve](#)  
 Subject: Southern Louisiana Flooding; August 27, 2016 1700 UPDATE  
 Date: Saturday, August 27, 2016 4:41:54 PM  
 Attachments: [image001.png](#)  
[image003.png](#)

Updates highlighted in yellow.

### Southern Louisiana Flooding 1700 CDT - August 27, 2016 Update

As a result of the August 2016 flooding due to heavy rains, twenty parishes have received major federal disaster declarations and more than 60,000 homes may have been impacted. Boil water advisories continue to affect approximately 6,300 people. LDEQ and LDHH have not requested any FEMA assistance as they continue to take the lead for the environmental response. LDEQ has issued guidance on flood debris segregation and flood re-entry. Early indications are that Parishes will take the lead for debris collection and disposal. Currently, debris is being sent for disposal to Type I and Type II landfills.

- **FEMA JOINT FIELD OFFICE:** EPA continues to participate in the Debris Task Force meeting to support local and parish governments.
  - The JFO is preparing a Hurricane Evacuation Plan as a contingency for a developing tropical storm that may hit the Gulf of Mexico next mid-week. FEMA is closely monitoring the weather forecast for potential impact on the Louisiana operations.
  - The current estimate on total debris is 6 million cubic yards (FEMA emphasized that this is an early estimate and confidence is low that this estimate is accurate).
  - Debris collection has started in a few Parishes and municipalities (Zachary, Livingston, Denham Springs, Ascension, Lafayette Parish, Baton Rouge) all being done under contracts.
  - The Army Corps is the lead on creation and maintenance of a spreadsheet regarding the status of debris collection (i.e., locations, quantity estimates, contracts, etc). This spreadsheet will be updated daily by the Corps and shared with all Debris Task Force members (includes EPA and LDEQ).
- **PUBLIC WATER SUPPLY:** LDHH continues conducting drinking water system assessments. There remains 35 public drinking water systems under boil water advisory impacting approximately 6,300 people.

PWS under BOIL WATER ADVISORIES (BWA)	
5	Ready for sampling
10	Inoperable
1	Operational / Lost Pressure
3	Operational / Lost Treatment
0	Unknown / Out of Contact
16	BacT Samples Taken, Waiting for Results – <i>these would be the ones to come off a BWA next if results are clean.</i>
<b>35</b>	<b>Total on BWA</b>

- **WASTEWATER TREATMENT PLANTS:** There are 661 WWTP in the declared parishes. LDEQ requested EPA to load 11 Iberville Parish Treatment plants into Response Manager this morning. LDEQ is implementing their Hurricane Disaster Plan. LDEQ will attempt to contact all potentially impacted WWTP via phone. If they don't make contact after two attempts, LDEQ will conduct a facility visit to that facility. To date, LDEQ has attempted to contact 614 of the 661 WWTP. LDEQ phone assessments and facility visits are continuing.

LDEQ WWTP STATUS				
Fully Operational	Partially Operational	Reporting Not Operational	Unreachable - Unknown Status	No Assessment – Not Yet Contacted
579	9	2	27	44

(617 attempted via phone, 44 not yet assessed/phoned)

- **BATON ROUGE LDEQ OFFICE:** To date, there have been 30 flood-related NRC reports. LDEQ and EPA have reviewed all of these NRC reports and either EPA or LDEQ have made site visits to each incident. Since the last reporting period, no NRC reports have been received related to Louisiana flood waters. EPA has been working with both LDEQ and the USCOE.
- **LARD OIL SPILL, DENHAM SPRINGS, LA:** EPA continues to provide RP oversight of the Lard Oil spill cleanup activities that has impacted a residential area. The RP has been removing stained vegetation and has started scrapping contaminated surface soils. The RP started air sampling activities on the facility and around the perimeter of the "impact" area of the oil release. EPA reviewed and provide comments back to the RP regarding their "Technical Sampling and Analysis Plan". EPA is still waiting on the RP's "Cleanup Plan" for EPA review/comment.

Lard Oil Spill as of 10am this morning (estimated; may include other potential sources of oil)



9796717

1. # of total properties – 73
2. # of houses oiled outside – 33
3. # of houses oiled inside – 6
4. # of houses with oil in yard – 41
5. # of houses with Access Granted to both EPA and Lard – 34

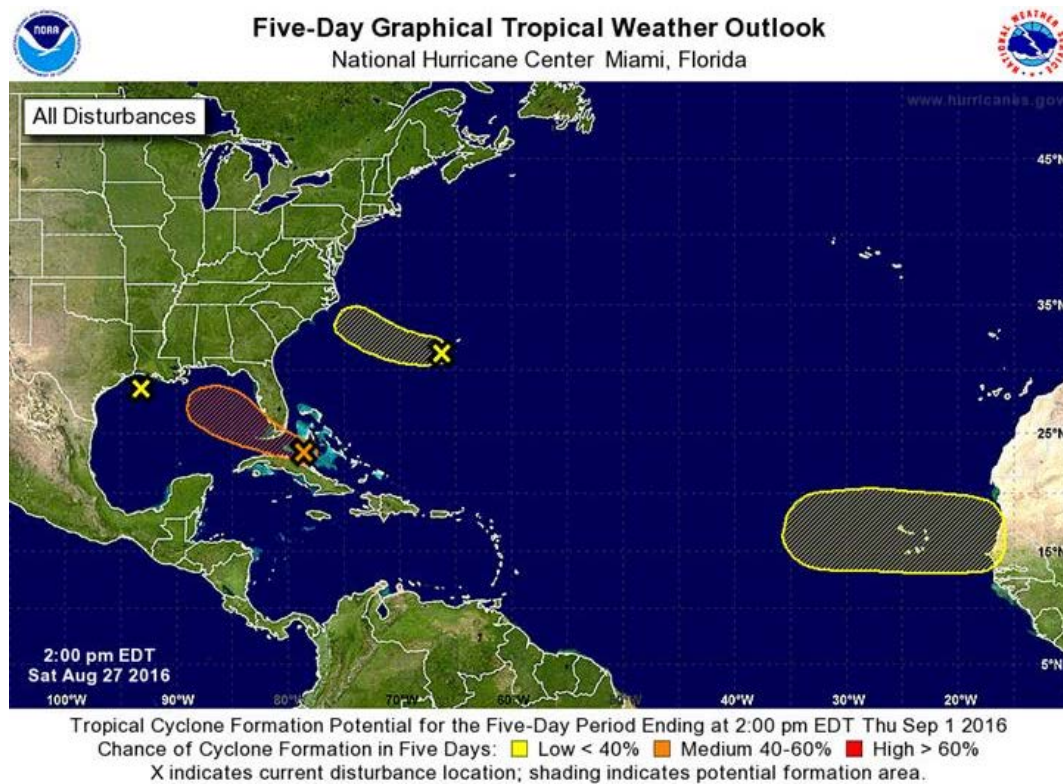
- **DISTURBANCE #1 (INVEST-99L):** A weak area of low pressure located between the northern coast of Cuba and Andros Island in the Bahamas continues to produce a large area of disorganized showers and thunderstorms, mainly to the south and east of its center. Upper-level winds are not conducive for significant development during the next day or so while the low moves west-northwestward through the Straits of Florida at about 10 mph. Environmental conditions could become a little more conducive for some development when the system moves into the eastern Gulf of Mexico early next week.

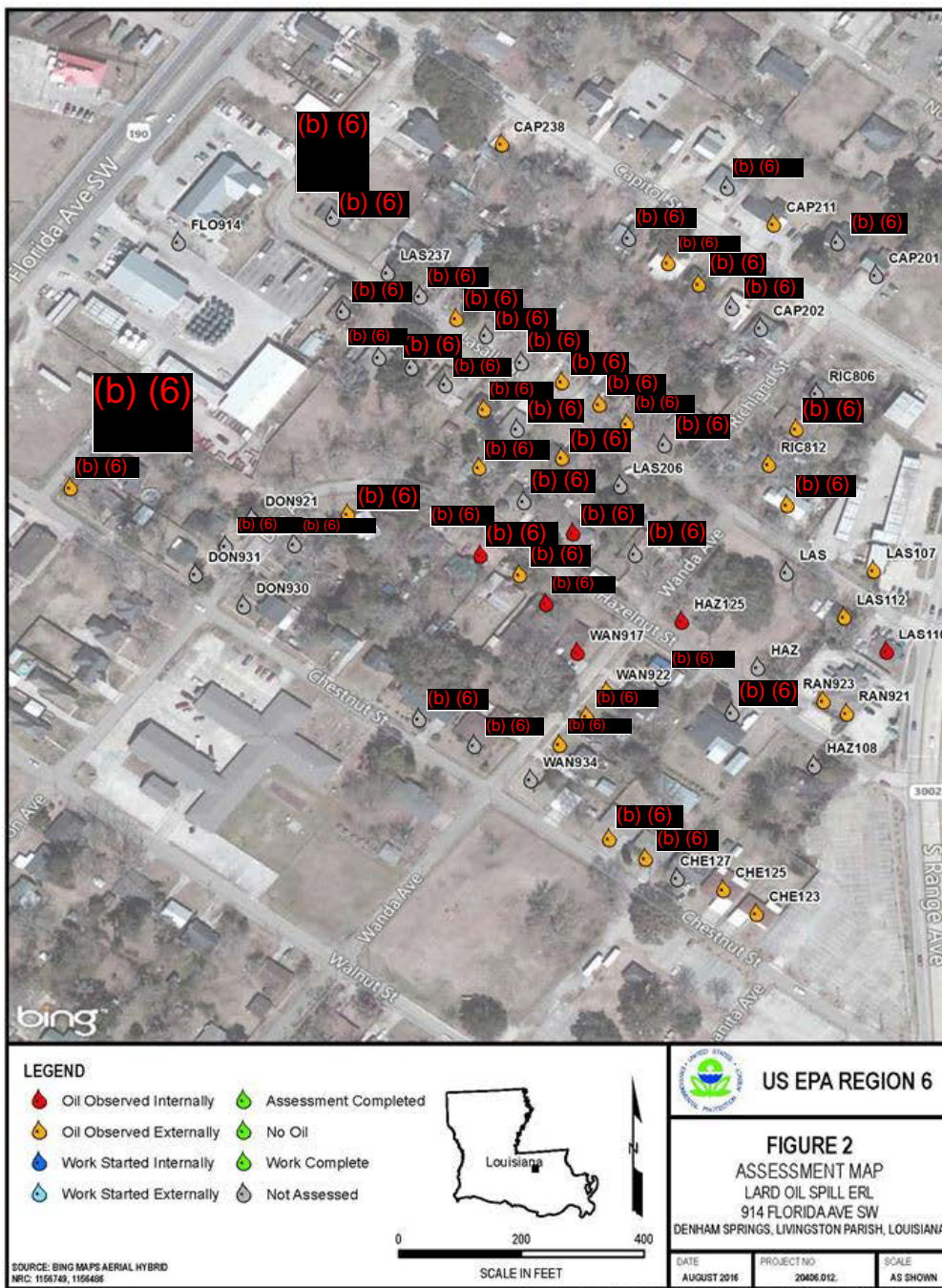
\* Formation chance (to depression level) through 48 hours...low...30 percent

\* Formation chance (to depression level) through 5 days...medium...40 percent

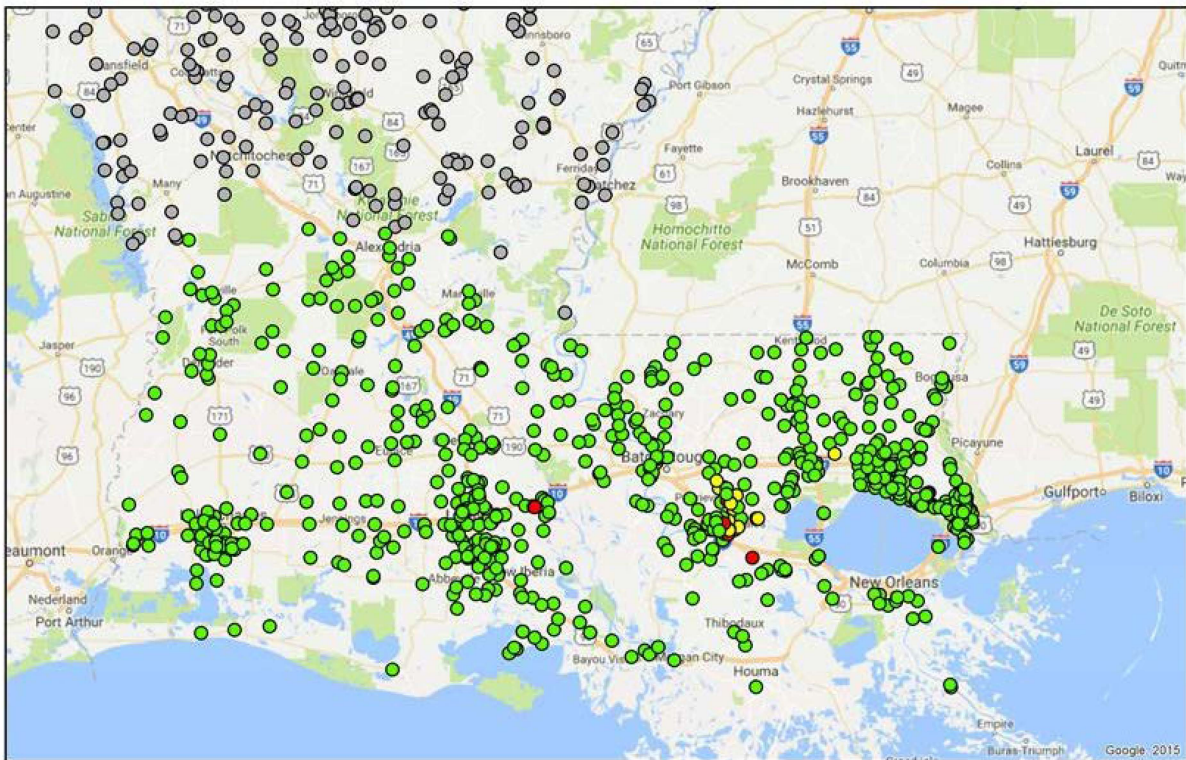
- **Staffing Chart:**

Location	EPA	Contractor
LDEQ	1	0
FEMA-JFO	1	0
Lard Oil	1	4
REOC	4	2
<b>TOTAL</b>	<b>7</b>	<b>6</b>









#### Legend

**LDHH Drinking Water System Assessments**

- Inoperable
- Out of Contact
- Contact Pending

- On Generator, Lost Pressure/Treatment Loss
- Ready for Bacti Sampling
- Operating with Treatment Loss
- Sample Results Pending

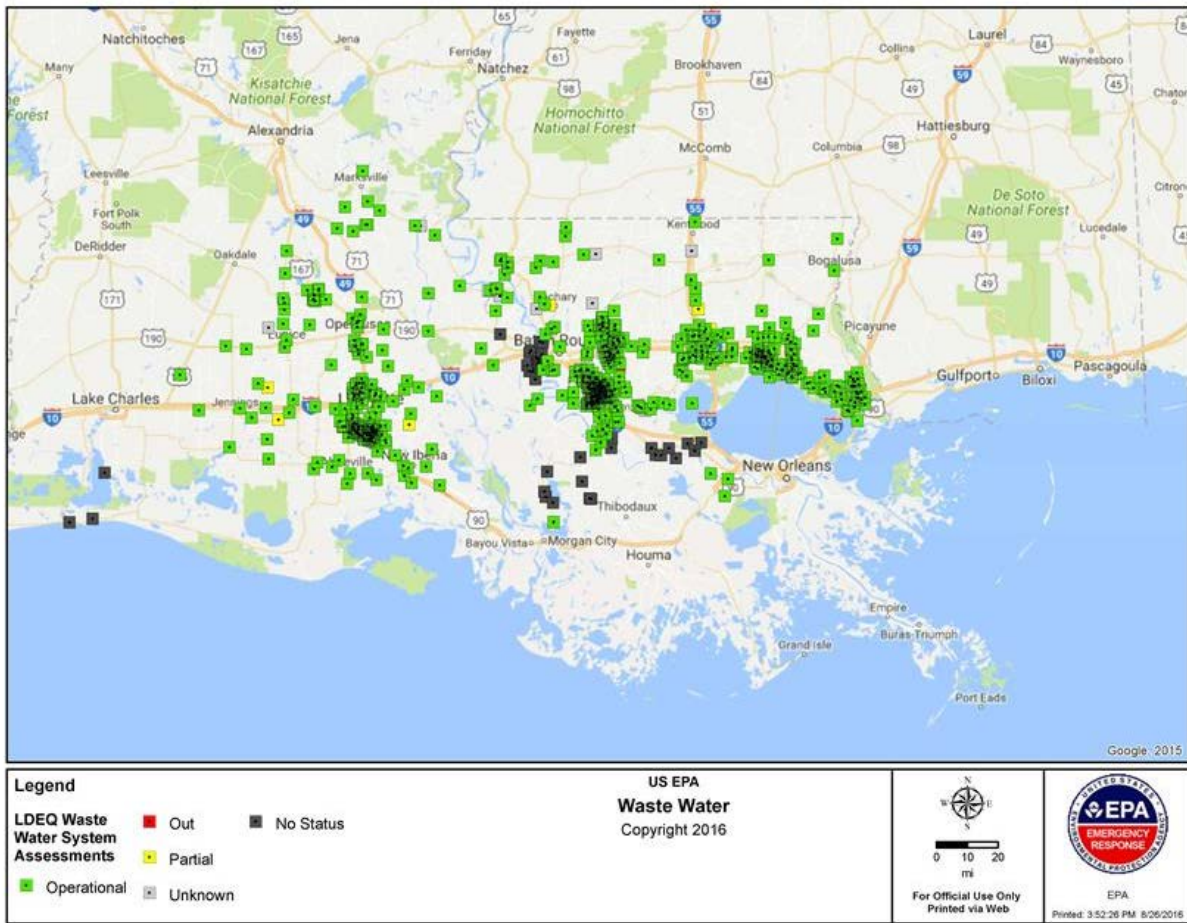
- On Generator, Lost Pressure/Treatment Loss
- Ready for Bacti Sampling
- Operating with Treatment Loss
- Sample Results Pending
- On Generator - never lost pressure
- No Problem with System

- Bacti Sample Results Pending
- On Generator - never lost pressure
- No Problem with System
- Lifted BWA due to negative Bacti Samples
- Back to Normal Operations
- No System Assessment Completed yet

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**Drinking Water**  
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*With Regards, Steve*



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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."